WHAT IS CLAIMED IS:

1. An image generating apparatus for forming an image on a recording medium, said image generating apparatus comprising:

an image generating section for forming a toner image on a recording medium;

a fusing section including a heating component for heating the recording medium to fuse the toner image onto the recording medium, and a pressing component for pressing and rotating the recording medium in conjunction with said heating component;

an edge temperature detecting section for detecting temperature of said heating component at an edge of a conveyance region of the recording medium in said heating component; and

a control section for controlling feeding recording mediums in response to compared results of the temperature detected by said edge temperature detecting section with a specified threshold temperature, wherein

said control section sets the specified threshold temperature based on the temperature detected by said edge temperature detecting section.

2. The image generating apparatus as claimed in claim 1, further comprising:

a center temperature detecting section for

detecting temperature of said heating component near a center of the conveyance region of the recording mediums in said heating component; and

a fusing temperature control section for controlling heating by said heating component such that the temperature detected by said center temperature detecting section matches a specified fusing temperature.

3. The image generating apparatus as claimed in claim 2, wherein

said control section determines, before forming the toner image successively on a plurality of recording mediums, the specified threshold temperature in response to the temperature detected by said center temperature detecting section or said edge temperature detecting section.

4. The image generating apparatus as claimed in claim 3, wherein

said control section sets a first threshold temperature when the temperature detected by said edge temperature detecting section is a first temperature, and sets a second threshold temperature higher than the first threshold temperature when the temperature detected by said edge temperature detecting section is a second temperature lower than the first temperature.

5. The image generating apparatus as claimed in claim 1, wherein

said heating component comprises a cylindrical film rotating slidingly on said pressing component, and a heater component for heating the recording medium via the cylindrical film, and wherein

said edge temperature detecting section detects the temperature of said heater component.

6. An image generating apparatus for forming an image on a recording medium, said image generating apparatus comprising:

an image generating section for forming a toner image on a recording medium;

a fusing section including a heating component for heating the recording medium to fuse the toner image onto the recording medium, and a pressing component for pressing and rotating the recording medium in conjunction with said heating component;

a temperature detecting section for detecting temperature of said heating component; and

a control section for controlling feed intervals of a plurality of recording mediums, on which the toner image is fused in said fusing section, such that the feed intervals are extended in response to a fact that the temperature detected by said temperature detecting

section exceeds a specified threshold temperature, wherein

said control section sets the specified threshold temperature in response to the temperature detected by said temperature detecting section when said heating component is switched from a heating state to a non-heating state.

7. The image generating apparatus as claimed in claim 6, wherein

said control section sets the specified threshold temperature in response to a difference between a first temperature detected by said temperature detecting section in the heating state of said heating component and a second temperature detected by said temperature detecting section after a specified time has elapsed after switching said heating component to the non-heating state after detecting the first temperature.

8. The image generating apparatus as claimed in claim 6, wherein

said temperature detecting section detects the temperature of said heating component near an edge of a paper conveyance region of the recording mediums in said heating component.

9. The image generating apparatus as claimed in claim 6, further comprising:

a center temperature detecting section for detecting temperature of said heating component near a center of the conveyance region of the recording mediums in said heating component; and

a fusing temperature control section for controlling heating by said heating component such that the temperature detected by said center temperature detecting section matches a specified fusing temperature.

10. The image generating apparatus as claimed in claim 6, wherein

said control section determines, before forming the toner image successively on a plurality of recording mediums, the specified threshold temperature in response to the temperature detected by said temperature detecting section.

11. The image generating apparatus as claimed in claim 10, wherein

said control section sets a first threshold temperature when the temperature detected by said temperature detecting section is a first temperature, and sets a second threshold temperature higher than the first threshold temperature when the temperature

detected by said temperature detecting section is a second temperature lower than the first temperature.

12. The image generating apparatus as claimed in claim 6, wherein

said heating component comprises a cylindrical film rotating slidingly on said pressing component, and a heater component for heating the recording medium via the cylindrical film, and wherein

said temperature detecting section detects the temperature of said heater component.

13. An image generating apparatus for forming an image on a recording medium, said image generating apparatus comprising:

an image generating section for forming a toner image on a recording medium;

a fusing section including a heating component for heating the recording medium to fuse the toner image onto the recording medium, and a pressing component for pressing and rotating the recording medium in conjunction with said heating component;

an edge temperature detecting section for detecting temperature of said heating component at an edge of a conveyance region of the recording medium in said heating component; and

a control section for controlling feeding recording

mediums in response to compared results of the temperature detected by said edge temperature detecting section with a specified threshold temperature, wherein

said control section changes the feed intervals of the recording mediums and sets a specified paper count in response to a fact that the temperature detected by said edge temperature detecting section exceeds the specified threshold temperature, in which the feed intervals are not changed when the number of fed recording mediums is lower than the specified paper count.

14. The image generating apparatus as claimed in claim 13, wherein

said control section extends the feed intervals of the recording mediums and sets a first specified paper count in response to a fact that the temperature detected by said edge temperature detecting section exceeds the specified threshold temperature.

15. The image generating apparatus as claimed in claim 14, wherein

said first specified paper count is a number of conveyed papers counted from a recording medium next to a recording medium at which the temperature detected by said edge temperature detecting section exceeds the specified threshold temperature.

16. The image generating apparatus as claimed in claim 14, wherein

the threshold temperature is normally set at a first threshold temperature, and is set at a second threshold temperature higher than the first threshold temperature during feeding recording mediums associated with said first specified paper count, and said control section extends the feed intervals of the recording mediums in response to a fact that the temperature detected by said edge temperature detecting section exceeds the second threshold temperature.

17. The image generating apparatus as claimed in claim 13, wherein

said control section reduces the feed intervals of the recording mediums and sets a second specified paper count in response to a fact that the temperature detected by said edge temperature detecting section is lower than the specified threshold temperature.

18. The image generating apparatus as claimed in claim 17, wherein

said second specified paper count is a number of conveyed papers counted from a recording medium next to a recording medium at which the temperature detected by said edge temperature detecting section falls below

the specified threshold temperature.

19. The image generating apparatus as claimed in claim 17, wherein

the threshold temperature is normally set at a first threshold temperature, and is set at a second threshold temperature lower than the first threshold temperature during feeding recording mediums associated with said second specified paper count, and said control section reduces the feed intervals of the recording mediums in response to a fact that the temperature detected by said edge temperature detecting section is lower than the second specified threshold temperature.